

Abstract

The present invention relates to screening of the expression profile of muscle specific genes according to the growing stages in swine and a functional cDNA chip using the same and provides
5 expression files of the muscle specific genes specifically expressed according to the growing stages in the muscle and fat tissues of swine. Also, the present invention provides a functional cDNA chip for meat quality evaluation and screening of specific genes in swine prepared by integrating only the muscle specific genes screened as
10 described above. Therefore, the functional cDNA chip can be used to evaluate of meat quality according to breeds of swine and to bring a high meat quality swine.